

CLAIM AMENDMENTS

Claim Amendment Summary

Claims pending

- Before this Amendment: Claims 25-36; 66-68.
- After this Amendment: Claims 25-27, 29-36, 66, and 68.

Canceled or Withdrawn claims: 28 and 67.

Amended claims: 25, 29, 34, 66 and 68.

New claims: none .

Claims:

Claims 1-24 are CANCELED .

25. (CURRENTLY AMENDED) A method facilitating protection of digital signals, the method comprising:

partitioning a digital signal into segments by pseudorandomly segmenting the signal;

for one or more segments:

- calculating statistics of a segment that are representative of that segment;
- quantizing such statistics of a segment;

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generating a marked signal approximately equivalent to a combination of the digital signal and the combination of the quantized statistics of the one or more segments.

26. (ORIGINAL) A method as recited in claim 25 further comprising normalizing amplitude of a digital signal, wherein such signal is an original, unmarked signal.

27. (ORIGINAL) A method as recited in claim 25 further comprising transforming the signal.

28. (CANCELED)

29. (CURRENTLY AMENDED) A method as recited in claim 25, ~~wherein the partitioning comprises pseudorandomly segmenting the signal,~~ wherein such segments are adjacent and non-contiguous.

30. (ORIGINAL) A method as recited in claim 25, wherein the statistics of the calculating comprises one or more finite order moments of a segment.

31. (ORIGINAL) A method as recited in claim 25 further comprising determining a delta-sequence that is representative of the combination of the quantized statistics of the one or more segments.

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1 **32. (ORIGINAL)** A method as recited in claim 25 further
2 comprising determining a pseudorandom delta-sequence that when combined with
3 the digital signal approximate a combination of the digital signal and the quantized
4 statistics of the one or more segments.

5
6 **33. (ORIGINAL)** A method as recited in claim 25, wherein the
7 generating comprises embedding a watermark via quantization index modulation
8 (QIM).

9
10 **34. (CURRENTLY AMENDED)** A modulated signal embodied on
11 one or more computer-readable media and generated in accordance with the acts
12 recited in claim 25.

13
14 **35. (ORIGINAL)** A computer-readable medium having computer-
15 executable instructions that, when executed by a computer, performs the method
16 as recited in claim 25.

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18 **36. (ORIGINAL)** A computer comprising one or more computer-
19 readable media having computer-executable instructions that, when executed by
20 the computer, perform the method as recited in claim 25.

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22 Claims 37-65 are CANCELED.
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1 66. (CURRENTLY AMENDED) A system for facilitating the
2 protection of digital signals, the system comprising:

3 a partitioner configured to segment a digital signal by pseudorandomly
4 segmenting the digital signal;

5 a segment-statistics calculator configured to calculate statistics of a segment
6 that are representative of that segment;

7 a segment quantizer configured to quantize such statistics of a segment

8 a signal marker configured to generate a marked signal approximately
9 equivalent to a combination of the digital signal and the combination of the
10 quantized statistics of the one or more segments.

11
12 67. (CANCELED)

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14 68. (CURRENTLY AMENDED) A system as recited in claim 66,
15 ~~wherein the partitioner is further configured to pseudorandomly segment the~~
16 ~~signal,~~ wherein such segments are adjacent and non-contiguous.

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18 Claims 69 and 70 are CANCELED.
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